



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

JUL - 8 2011

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Ann Oxford Manager, Regulatory Affairs Albemarle Corporation 451 Florida Street Baton Rouge, LA 70801-1765

FILE COPY

Subject:

Sanibrom 45 Biocide EPA Reg. No. 3377-29

Application Dated: June 9, 2011 Receipt Date: June 10, 2011

Dear Ms. Oxford:

The following notification submitted in connection with registration under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9 is acceptable.

## **Proposed Notification:**

Revised Container Disposal Statement

### Comments:

Based on a review of the material submitted, the following comments apply:

This application for notification to revise the product label, as referenced above, is acceptable. A copy has been placed in our records for future reference.

Should you have any questions or comments concerning this letter, please contact me at Henson. Wanda@epa.gov or call (703) 308-6345.

Sincerely,

Wanda Henson

Acting Product Manager (32)

Regulatory Management Branch II

Antimicrobials Division (7510P)

<b>EPA</b> Envi	ronme wil Pro Washington,	otection Agency	y <u> </u>	Recistration Anondment Other	OPP Identifier Number
Application for Pesticide - Section I					
1. Company/Product Number 2. EPA Product Manager 3. Proposed Classification					
		Wanda Henso			
3. Company/Product (Name)		PM#	None Restricted		
Sanib		32	None Nestricted		
5. Name and Address of Applicant Albemarle Corporation 451 Florida Street		6. Expedited Review. In accordance with FIFRA Section 3 (c) (3) (b) (i), my product is similar or identical in composition and labeling to:			
Baton Rouge, LA 70801		EPA Reg. No			
Check if this is a		Product Name			
Section – II					
Amendment - Explain below			Final printed labels in response to		
Resubmission in response to		"Me Too" Application.			
Notification - Explain below.		Other - Explain below.			
40 CFR 152.46, and no other change violation of 18 U.S.C. Sec. 1001 to terms of PR Notice 98-10 and 40 C sections 12 and 14 of FIFRA.	ges have been made willfully make any fals	to the labeling or the conse statement to the EPA. Inches may be in violation of	ifidential stateme I further unders FIFRA and I ma	ent of formula of this stand that if this notifi	cation is not consistent with the
		Section	- 111		
1. Material This Product Will Be I	Packaged In: Unit Packaging	· · · · · · · · · · · · · · · · · · ·	Water Soluble	Packaging	2. Type of Container
Child-Resistant Packaging	Yes		Yes		Metal
Yes*					<b>⋉</b> Plastic
🔀 No	No If "Yes"	No per	If "Yes"	No. Per	Glass
* O = 4'f' = 4' = 1 = 1 = 1	Unit Packaging wg	No. per t. Container	Unit Package v		Paper
* Certification must be submitted					Other (Specify) trailer
3. Location of Net Contents Informa	ation	4. Size(s) Retail Contain	er	5. Location of Labe	l Directions
X Label X Containe		On Label			
container		55 gallon, 275 gallon (IB	ullon, 275 gallon (IBC), tank truck On Labeling		accompanying product
6. Manner in Which Label is Affixed to Product Lithograph					
	Paper glued				
		Stenciled	13.7		
Contact Point (Complete items	directly below for idea	Section		necessary to process	s this application ).
Name Title					phone No. (Include Area Code)
Ann M. Oxford	Manager, Regu	Manager, Regulatory Affairs (225		) <b>388-8111</b>	
Certification  I certify that the statements which I have made on this form and all attachments are true, accurate and complete.  I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.  6. Date Application  Coreived  (Stamped)					
2. Signature	3. Title  Manager, Regula	ntory Affairs			
4. Typed Name	5. Date				
Ann M. Oxford	June 9, 2011				



Albemarle Corporation

451 Florida Street Baton Rouge, Louisiana 70801-1765 Facsimile: 225-388-7686

Telephone: 225-388-8011

June 9, 2011

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) U. S. Environmental Protection Agency Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, Virginia 22202-4501

ATTN: Wanda Henson, Product Manager 32

SUBJECT: Sanibrom 45 Biocide, EPA Reg. No. 3377-29

# Notification per PR Notice 98-10

This submission is to notify the EPA that additional container disposal statements were included on the Sanibrom 45 Biocide label. We added a container disposal statement for non-refillable totes, tank trucks and stationary tanks. Although these statements are not the exact wording from PR Notice 2007-4 or the Pesticide Management and Disposal; Standards for Pesticide Containers and Containment Final Rule, they have been accepted by the EPA for use on other Albemarle registered products.

Enclosed is the proposed Sanibrom 45 Biocide label, clearly marked to indicate the changes since the last EPA stamped accepted label dated November 6, 2008. Also included in this submission is an Application for Pesticide Notification.

Please contact me with any questions regarding this notification.

Sincerely,

ALBEMARLE CORPORATION

Ann M. Oxford

Manager, Regulatory Affairs

(225) 388-8114

ann.oxford@albemarle.com

Enclosures: 2

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# PRECAUTIONARY STATEMENTS

clothing. Wash with soap and water after handling. Remove contaminated CAUTION: Harmful if absorbed through skin. Avoid contact with skin and HAZARDS TO HUMANS AND DOMESTIC ANIMALS clothing and wash clothing separately before reuse.

ENVIRONMENTAL HAZARDS

permitting authority has been notified in writing prior to discharge. Do not National Pollutant Discharge Elimination System (NPDES) permit and the guidance contact your State Water Board or Regional Office of the EPA. oceans or other waters unless in accordance with the requirements of a This pesticide is toxic to fish and aquatic organisms. Do not discharge discharge effluent containing this product to sewer systems without effluent containing this product into lakes, streams, ponds, estuaries, previously notifying the local sewage treatment plant authority. For

PHYSICAL AND CHEMICAL HAZARDS

SANIBROM 45 BIOCIDE is not flammable. Avoid contact with strong acids and strong oxidizing agents. Avoid contact with common metals such as and strong oxidizing agents. aluminum, brass, copper, carbon steel and stainless steel.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any manner sistent with its labeling.

systems, brewery pasteurizing systems, waste water systems, and pulp and hypochlorite (12.5%) or chlorine gas (99.9%) to produce hypobromous acid. Consult your feeder manufacturer for correct procedure and proper use of paper mills. It is to be used in conjunction with an oxidant such as sodium slimicide, and molluscicide in recirculating and once-through cooling water SANIBROM 45 BIOCIDE may be added at system inlet water or metered into the existing NaOCI piping to form a solution of sodium hypobromite. .BROM 45 BIOCIDE is used as a bactericide, fungicide, algaecide,

sufficient SANIBROM 45 BIOCIDE and chlorine or sodium hypochlorite to effectively controls microorganisms in wastewater systems. The quantity SANIBROM 45 BIOCIDE required varies with the degree of fouling. Add achieve residual bromine levels of 0.3 ppm to 2 ppm when measured WASTEWATER. When used as directed, SANIBROM 45 BIOCIDE

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secondary treatment at a contact tank preceding the effluent discharge or at BIÒCIDE can be effectively added to one or more different locations in the Depending on the construction of the wastewater system, SANIBROM 45 system. Frequently, the compound is added to wastewater receiving approximately 5 minutes after treatment.

systems and influent systems such as flow through filters, and lagoons, etc. RECIRCULATING COOLING WATER SYSTEMS INCLUDING BREWERY PASTEURIZERS AND AIR WASHERS. When used as directed, ROM 45 BIOCIDE effectively controls bacteria, fundi, algae, slimes (Dreissena) or the Asiatic clam (Corbicula) in commercial and industrial cooling towers, heat exchange water towers, industrial water scrubbing use growth and settlement of mollusks such as zebra mussel

and closed-cycle fresh and sea water cooling systems. Apply SANIBROM 45 BIOCIDE and chlorine or sodium hypochlorite to the system inlet water zebra mussel (Dreissena) or the Asiatic clam (Corbicula) in once-through INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS. When used as directed, SANIBROM 45 BIOCIDE effectively controls bacteria, fungi, algae, slimes and the growth and settlement of mollusks such as and cluseron and chlorine or sodium rypcome.
45 BIOCIDE and chlorine or sodium right of the system.
or before any other contaminated area in the system.

FOR USE AS A BACTERICIDE, FUNGICIDE, ALGICIDE, SORIMERCIAL AND SLIMICIDE AND MOLLUSCICIDE IN COMMERCIAL AND SANIBROM® 45 BIOCIDE INDUSTRIAL WATER TREATMENT

INERT INGREDIENTS 100.0% ACTIVE INGREDIENT:

KEEP OUT OF REACH OF CHILDREN CAUTION

prolonged eye and skin contact may cause severe irritation.

FIRST AID

water if able to swallow. Do not induce vomiting unless told to do immediately with plenty of water for 15-20 minutes. Call a poison water for 15-25 minutes. Remove contact lenses, if present, after immediately for treatment advice. Have person sip a glass of IF IN EYES: Hold eye open and rinse slowly and gently with the first 5 minutes, then continue rinsing eye. Call a poison IF ON SKIN: Take off contaminated clothing. Rinse skin IF SWALLOWED: Call poison control center or doctor control center or doctor for treatment advice. control center or doctor for treatment advice. so by the poison control center or doctor.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

ALBEMARLE CORPORATION Baton Rouge, LA 70801 451 Florida Street

In case of an emergency endangering life or property involving this product, call collect (225) 344-7147.

EPA Est. 3377-AR-1, 42403-TX-1 EPA Reg. No. 3377-29

Batch Number: Net Contents:

NOTIFICATION Flaviourd By: 14 DOM HOMBWATT.

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Typically, the recommended mole ratio may be achieved by using 1.8 to 7.6 Initial Dose: When the system is noticeably fouled, apply sufficient shitial Dose: When the system is noticeably fouled, apply sufficient shitist Dose: When the system is noticeably fouled, applying the system is noticeably founded. residual bromine level of 0.5 – 2 ppm or as needed to maintain control. A 0.5 to 2.0 mole ratio of sodium bromide to oxidant is recommended.

Typically, the recommended mole ratio may be achieved by using 1.8-7.6 Typically, the recommended mole ratio may be achieved by using 1.8-7.6 lor each lbs of chlorine gas (99.9%) or 1.5-6.2 gailons NaOC! (12.5%) for each lbs of chlorine gas (99.9%) or 1.5-6.2 gailons NaOC! SANIBROM 45 BLOCIDE and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5 – 1 ppm or as needed to maintain control. A lbs of chlorine gas (99.9%) or 1.5 – 6.2 gallons NaOCI (12.5%) for each gallon of SANIBROM 45 BIOCIDE. Subsequent Dose: When microbial control is evident, apply sufficient 0.5 to 2.0 mole ratio of sodium bromide to oxidant is recommended.

problem. It is recommended that the product be used in a manner such frequency of feeding and dosage rate will depend on the severity of the intermittently or as needed to obtain the above residual level. The The product may be added to the system either continuously or that the effluent discharges meet the NPDES guidelines. gallon of SANIBROM 45 BIOCIDE.

and/or handling of this material when such use and/or handling is contrary Seller makes no warranty expressed or implied concerning the use of this product other than indicated on the label. Buyer assumes all risk of use product other than indicated on the label. to label instructions.

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may STORAGE: Store in a cool, dry, well-ventilated area. Product should be be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by storage or disposal.

tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its equipment or a mix tank. Fill the container 1/4 full with water. Replace and equivalent) promptly after emptying. Offer for reconditioning it appropriate. other end and tip it back and forth several times. Empty the rinsate into container. Do not reuse or refill this container. Triple rinse container ( application equipment or a mix tank or store rinsate for later use or CONTAINER DISPOSAL: [15, 30 & 55 gallon drums] Nonrefiliable Triple rinse as follows: Empty remaining contents into application disposal. Repeat this procedure two more times.

equivalent) promptly after emptying. Offer for reconditioning if appropriate equivalent) promptly after emptying. Offer for reconditioning container Triple rinse as follows: Empty the remaining container about 10 percent into application equipment or a mix tank. Fill the container about 10 percent into application equipment or a mix tank. full with water. Agitate vigorously or recirculate water with the pump for 2 container. Do not reuse or refill this container. Triple rinse container (or minutes. Pour or pump rinsate into application equipment or rinsate CONTAINER DISPOSAL: [275-300 gallon tote or IBC] Nonrefillable collection system. Repeat this rinsing procedure two more times.

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CONTAINER DISPOSAL: [tank truck] Do not rinse or clean the tank after unloading the contents. Release the tank truck for return to Albernarle Corporation.

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not reuse this container for any other purpose. CONTAINER DISPOSAL. Cleaning the container before final disposal is container into application equipment or a mix tank. Fill the container abou 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or pump for 2 minutes. rinsate collection system. Repeat this rinsing procedure two more times. the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this Refillable container. Refill this container with like pesticide products. The following statements will be used on labels for stationary tanks!